# THE BUSINESS OF FARMING

MAY-JUNE 196



THIS FARMHOUSE HAS IDEAS IN TUNE WITH THE TIMES • PAGE 3



HANDY ENTRANCES FIRST-FLOOR LAUNDRY





LOADS OF STORAGE KITCHEN CONVENIENCES



FARM BUSINESS CENTER A FLEXIBLE BEDROOMS





from Nuzum Yards



THE BUSINESS OF FARMING

Editor: S. D. Coleman Field Editor: Cynthia Montgomery Project Director: Frank J. Tolford Art Director: David I. Panama

May-June • Issue 3 • 1961

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The Perkinsons'
"second" house has
ideas for your new...
or old...home

NEED A "SECOND" HOUSE on your farm? Like a growing number of farm families, the Russell Perkinsons near Buckley, Ill., required an additional house to make their farm more efficient. After much thought, they decided to get in tune with the times and build a modern house for themselves—then turn their existing two-story home over to the tenants.

Whether you need a new home or are remodeling your present house, this new three-level contemporary home will give you many suggestions for improved farm living. The "In-Tunewith-The-Times House" was designed by Keith Hinchcliff of the University of Illinois to meet the special needs of today's farm families.

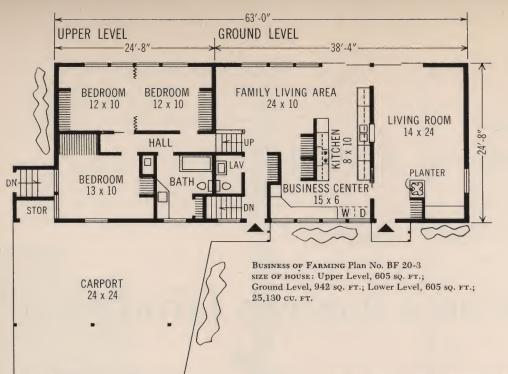
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#### Tune in on a modern farmhouse

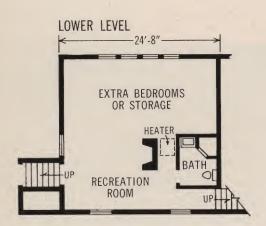
by S. D. Coleman, Editor

Practical split-level farmhouse meets special living needs of Russell Perkinson family. Bedrooms are on upper level. Living area at left may be entered from new screened porch. Separate entrance to partial basement is at right. Modern design blends with farm landscape.









IN TUNE WITH THE TIMES continued

Following are ten features which make this home especially suitable for farm living:

1. No stair climbing to reach living and work areas

- 2. Partial basement, or lower level, only six steps below grade, allowing ample light and ventilation
- 3. Flexible sleeping accommodations—two to five bedrooms
- 4. Kitchen, everyday dining, laundry, business center and family living area combined in one unpartitioned area—with wide view of farmstead and driveway
- 5. Wash-up room, chore clothes closet and basement stairs close to farm service entrance
- 6. Front (company) door next to driveway, readily reached from kitchen work area
- 7. Abundant storage throughout house
- 8. Economical plumbing arrangement—bathrooms on three levels aligned vertically to be serviced by one stack
- 9. All but one room with south or east exposure when house is oriented with driveway on north or west side
- 10. Simple compact plan, economical construction

The 240-acre Perkinson farm was in the spotlight last summer when several hundred people viewed the new home and other buildings during a special farm management tour. Along with the contemporary farmhouse, Perkinson's expanding swine operation was a highlight of the tour. Perkinson told visitors that constructing buildings for confinement rearing has enabled him to increase numbers of litters from 111 in 1953 to 320 in 1961.

Efficient management has helped Perkinson to average eight pigs per litter to give him a return of \$164 for every \$100 worth of feed (\$10.14 feed cost per 100 lbs. pork produced). Labor and machinery costs have been low considering the size of his enterprise. The three-year average value of production per man has been \$16,730.

Mr. and Mrs. Perkinson are excellent examples of efficient commercial family farmers. They keep up-to-date on all phases of farmstead improvement, including the modern farm home and all types of labor-saving farm buildings. Such progressive families deserve much of the credit for keeping farming a dignified, profitable profession.

Designed for living in the country, this contemporary farmhouse (also on cover) is convenient outside and inside. Note how driveway curves to visitors' entrance (right) and entrance to lower level and service areas (left). Carport is convenient from all entrances.





Front entrance hall leads directly into living room or to farm business center. Wardrobe for guests, with native stone planter alongside, and cabinets with sliding doors for games, are at left. Big window areas throughout contemporary farm home give wide views of farm land.

Restful living room is isolated from activity areas, has vaulted ceiling beneath roof trusses which span 24-ft. width across west end of house. Visitors' entrance is at right of planter. Handsome walls and ceiling typify smooth interiors resulting from use of RED TOP Plaster over fireproof ROCKLATH Plaster Base. New screened porch is at left.



Large bathroom on upper level serves bedrooms. Sliding folding door "curtains" linen storage when desired, yet allows ventilation. Washup room on middle level is near service entry.

More on next page



#### IN TUNE WITH THE TIMES continued

Efficient kitchen is friendly, inviting to family as well as guests, makes chores more pleasant for Mrs. Perkinson. For example, it's easy for Russell to call "When do we eat?" through pass-through from living room. Open "H" type kitchen offers good view of both company and service entries and farm buildings.

PHOTOGRAPHY: HEDRICH-BLESSING





Open planning adds space in living and activities areas. Everyday eating section near entrance is convenient for all members of family (including sons Douglas and David at table) from any area of the house. Food preparation portion of modern kitchen includes built-in range, hood and oven.

Business center is handy for brief, but frequent, encounters with record books to keep abreast of expanding swine enterprise. Storage and 10-ft. long work counter curve into even more storage (right). Perkinsons like laundry section (left) on ground level to save steps.



Bedrooms (below) are private and quieter because of location, on upper level away from activity areas. A flexible feature: boys' two bedrooms can be separate or combined by means of sliding partition (see plan).



#### WANT

#### THIS

#### **FARMHOUSE?**

Plans are available through your lumber dealer who sponsors Business of Farming in your area. Ask him to order low-cost blueprints for In-Tune-With-The-Times House, No. BF 20-3. Also request a *free* copy of the Take-Home Plan Book, which shows plans and photographs of 38 other family-tested homes.



# NEED HELP IN MODERNIZING?

Check your Business of Farming dealer's new Home Ideas & Services display center. It's your building headquarters—contains free Handyman Plans and Farm Building Plans. Ideas galore are waiting for you there.

Home Ideas & Services



#### WRAP YOUR HOUSE WITH EYE-APPEAL

The job is quickly and efficiently done when skilled hands go to work in your home improvement—whether the hands of a professional craftsman or a qualified homeowner. A beautiful, durable home exterior is one of the better-living benefits that result from a combination of our high-quality siding and the proper application. We have the best materials and can provide the help you need to get your job done now.

COME IN AND TALK IT OVER-OUR NAME IS ON THE COVER

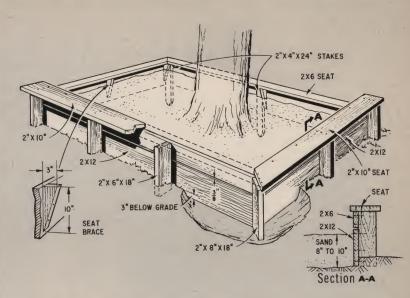


Combination sand box-guest seat is easy to build. You may want to change it to suit your location or needs, but basic construction is simple.



A rolling cart gathers toys—and sometimes tots—so build it strong! Plywood, pine trim and heavyduty casters are all you need.

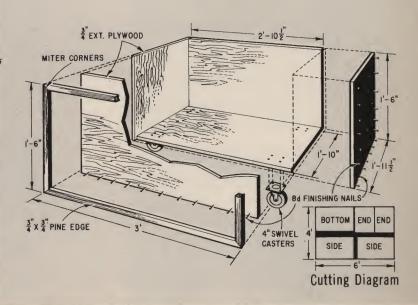




#### Patio toys for tots

Your youngsters will shout with glee when you build them one, or both, of these outdoor play features—an around-the-tree sand box or rolling toy cart. Just follow the simple plans shown here. Your local lumber dealer named on the covers has all the materials you need. And if you are looking for more help in building patio features, your dealer will have other suggestions. "Home Ideas & Services" is his business!

DESIGN: THOMAS F. BLECK



#### MOVABLE BUILDINGS:

#### PROFIT-MAKERS FOR FARM TENANT OR OWNER

Portable hog house built on well-managed farm of Roland Brandt, Amenia, N. D.



Farrowing crates (below and bottom) are built for easy installation and removal.





PORTABLE farm structures, combined with permanent buildings, have four major advantages:

1. They provide management flexibility for farmers using permanently located buildings for confinement rearing and finishing of livestock and poultry;

2. They provide for storage, and often for self-feeding of

3. They enable the hog farmer to supplement confinement rearing in winter with farrowing on pasture in summer;

4. They can be used by the poultry farmer as brooders or shelters on summer range, or as self-feeders in lot or on pasture.

The tenant farmer makes excellent use of portable buildings because the structures he builds generally belong to him and can be moved to another farm.

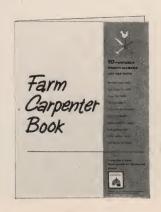
Shown on the opposite page is a farm building plan for a popular style of portable hog farrowing building (pictured at left). Your dealer can give you a cost estimate from his material list. See him soon for your portable building needs.

Ask your lumber dealer who sends you THE BUSINESS OF FARMING to show you other plans and ideas on movable buildings. Farm Building Plan No. 684, 5 Low-Cost Shelters, shows how to build these portable buildings: all-purpose shelter, poultry range shelter, "A"-type poultry shelter, and flat-roof hog shelter.

The new free Farm Carpenter Book (below) gives instructions for building these 10 small structures: movable hog feeder; portable self-feeder for cattle; 4-pen hog house; portable shed; creep feeder for calves; 3-ton hog feeder; self-feeding hay wagon; self-feeding gate; a safer loading chute; and self-feeder for sheep.

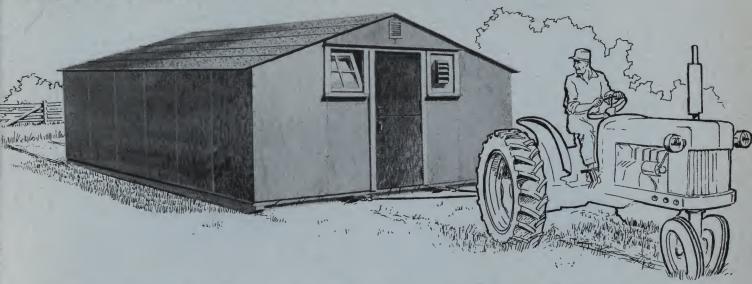
Your dealer can estimate materials needed and costs for any of the structures named above. Why not use his help to boost your profits?





#### FARM BUILDING PLAN

FROM YOUR BUSINESS OF FARMING DEALER



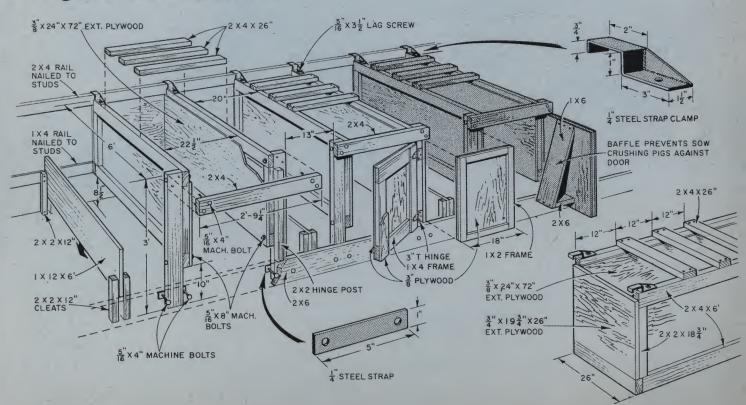
#### Portable Farrowing House

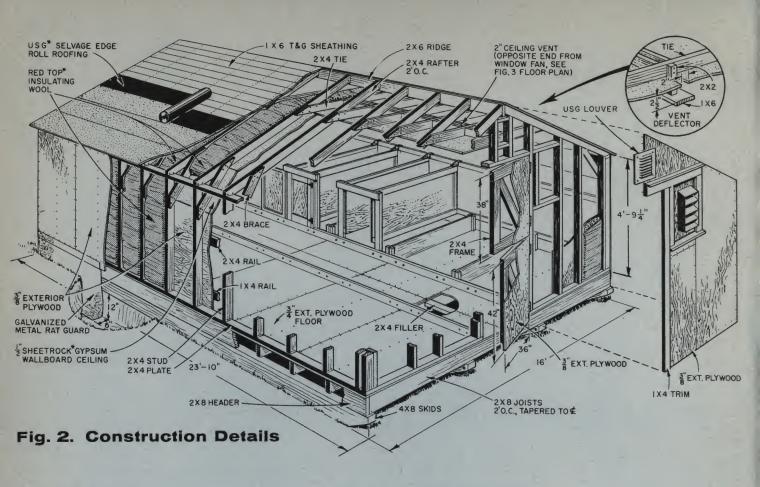
This 12-sow farrowing house is designed for the farmer who requires a portable structure. It is ideal for a tenant who will take small structures with him when moving, or other farmers who may wish to change building locations. The house is intended for farmers who have buildings for finishing out hogs, but who need farrowing facilities. The complete building shown weighs about

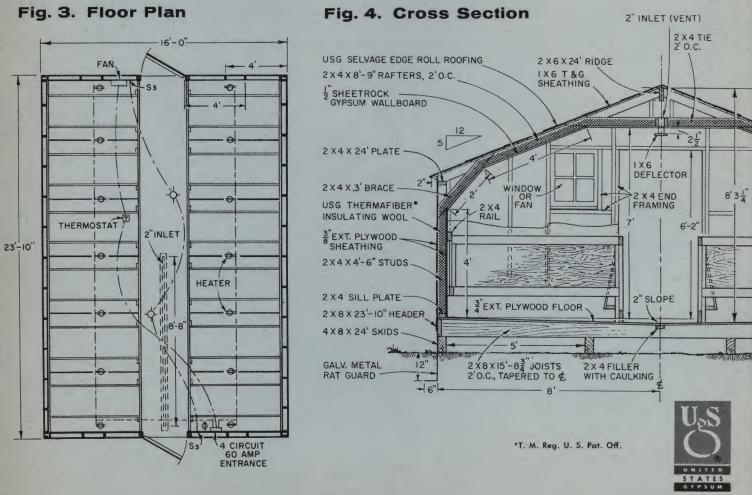
4,000 lbs., can be moved with a three to four-plow tractor. Farrowing stalls permit economical use of space; they can be installed or removed from the house with two man-hours of labor. Each crate is built as a complete unit. This plan can be used for a permanent building when constructed on a concrete foundation. Recommended insulation and ventilation are shown in plan.

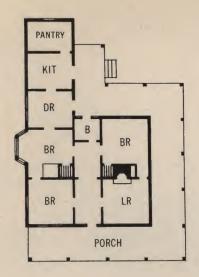
Adapted from original design by Arthur H. Schulz, Agricultural Engineer, North Dakota State University.

Fig. 1. Farrowing Crates







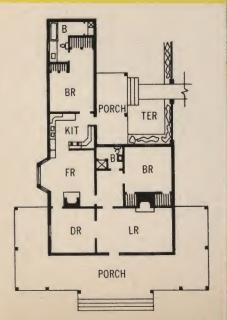


BEFORE





AFTER



Dozing old home?

# Remodeling provides the wake-up tonic!

IF YOU HAD a "dog trot" hall and a corner wrap-around porch, what would you do about it? In the old southern farmhouse owned by the W. B. Perrys of Leslie, Ga., amazing things happened to these antiquated features!

With their two children married and away from home, the Perrys needed fewer bedrooms and wanted more comfortable upto-date living space. So their son, Malcolm, an Atlanta interior decorator, planned the inside and outside remodeling. The central "problem" hall was reorganized into new functions. The before and after floor plans (left) show the improvements.

The Perrys gave up two small bedrooms they no longer needed, and gained a large and better-located master bedroom and bath by adding 10 ft. to the original kitchen and pantry. And it's just a step from this usable new room, via the kitchen side door, to the new porch that overlooks the charming little bricked-in garden and terrace—and the rolling farmland in the distance which comprises their 400-acre cattle farm.

More on next page

**Eye-catching improvements** for exterior of Perry home (left) were redesigned flat roof line of porch, replacement of small posts with stately square columns, and new entrance steps. Porch was wrapped around both corners. Brick replaced old porch floor and foundation on front.

Ten-foot addition to former kitchen and pantry provided for new master bedroom, two wardrobe closets and bath in rear wing (below). Old screened porch was converted into open side porch overlooking terrace. Door is to kitchen.





REMODELING continued

Looks like a living room, but in reality this is Perrys' family room portion of kitchen seen below. Note how wide ceiling molding, paneled doors, wainscoting add colonial effect. Handsome ledge replaced ornate mantelpiece.

This big wonderful room was major bonus of rearranging existing space. Only structural change required was removal of one wall between former bedroom and dining room (see "before" plan). The bay was redesigned and new windows installed here and in kitchen.





What 10-ft. addition can do to improve a farm home is illustrated by this gracious bedroom, with its own adjoining bath. And note the four large wardrobe closets with paneled doors any family would welcome. Your bedrooms need storage?



Fine and functional bathroom-laundry was another remodeling reward. Tucked against back wall of Perrys' new L-shaped bath are washer and dryer. Inside big closet on adjoining wall are shelves for linens with nook for hot water heater.

**Kitchen blends** right into family area. Important features are built-in oven, swiveling TV for use in both kitchen and family room. Ceiling was furred down to meet built-in pine cabinets.





#### REMODELING HELP?

Numerous remodeling aids are available free of charge from your lumber dealer who sends you Business of Farming. Handyman Plans covering all phases of home improvement are waiting for you. Call on your dealer now to discuss your remodeling ideas—and benefit from your dealer's experience in home modernizing.



Two important products you can use in home remodeling are Sheetrock Gypsum Wallboard and Perf-A-Tape System for joint reinforcement (above). Others are USG Thermafiber Insulating Wool Blankets for comfort and fuel savings, USG Asphalt Shingles, USG Insulating Sheathing, Glatex Siding, and USG Ventilating Louvers.



Finishing touches to modernizing are shown here. Preparatory to painting, joints of new Sheetrock wall are concealed with Perf-A-Tape Joint Reinforcement. Discuss these and other popular, economical building materials with your dealer and ask him for cost estimates.

# FORECAST



UP-TO-DATE MANAGEMENT IDEAS TO HELP YOU FARM BETTER FOR MORE PROFITS

SUCCESS OF FEED GRAIN PROGRAM hinges on how many farmers comply and restrict their corn and grain sorghum acreage this spring. With a heavy sign-up, chances for reducing feed grain surpluses and preventing overproduction of meat, milk and poultry look favorable. On the other hand, a lack of interest in the program could dampen future efforts to get permanent farm legislation. Secretary Freeman seems determined to protect those who comply, by manipulating the market with CCC sales. He doesn't think it is fair for farmers not in the program to share the price benefits of those who do comply.

FED CATTLE MOVEMENT will continue to hold markets near current levels for the next several weeks. Shipments of both finished and non-fed cattle will be substantial into early summer but not enough to push prices off much. There's no need to be in a hurry about selling, unless cattle are definitely on the heavy side. Where your program permits, replacements bought this spring should be aimed for late summer or early fall sale.

STRONGER TONE IN HOG MARKETS will push prices to peak levels in June. The number sold to packers is not likely to be any greater than a year ago during this period. Demand for gilts to add to breeding herds will continue strong through summer. Best hogs may sell as high as \$20 sometime in June or July. Looks as if you can safely carry better quality meattype hogs to 230 to 240 lbs. during this period.

PUSH EARLY LAMBS ALONG. Now that most old crop lambs are sold, prices are expected to improve. Top prices for early spring lambs will come a little earlier than usual. Early lamb crop was 4% larger than last year. On top of that, favorable weather in most areas this spring has contributed to more rapid gains than normal. Mid-May could well be the period of best prices. After that, prices are likely to start down.

HIGHER MILK SUPPORTS HAVE HELPED the dairy picture this spring. Without this boost, chances are spring prices would have dipped more than they have. Supports now in effect are \$3.40 per hundredweight for manufacturing milk, 60.4¢ for butterfat.

FALL EGG MARKETS are facing price problems. About 30% more chicks were hatched during the first three months of the year than in a similar period last year. This will add a substantial number of pullets to the laying flock by early fall. Although placements are likely to be closer to a year ago in the next few months, it's highly probable that chick placements will show at least a 12% increase this season.

BEST WOOL PRICES for the near future are close at hand. Due to fairly slack in-ventories, woolen mills are expected to be quite active in the market during the next month, now that new clip is available. Plan sales within the next 30 days unless you're prepared to hold until the end of the year or later.

some corn price recovery likely. Government sales of corn, combined with concern of the trade about possible action by Secretary Freeman, has led to declining corn prices this spring. But once final sign—up in the new feed grain program is complete, some easing of market pressure may occur. Continue to hold remaining corn for summer sale.

SOYBEANS WILL CONTINUE STRONG. A heavy export trade, combined with a large domestic crush, will pull carryover to a low level entering the new crop year. New support rate of \$2.30 per bushel will also lend stability to the market.

FINISH SELLING COTTON. Big price advance this spring, as a result of the announcement of the new support price, is past. Further holding won't likely more than cover storage costs.

BROILERS MAY OUTRUN DEMAND during the next few months. All indications point to heavier marketings for several months.



How to
dramatize your walls

3rd in a series

# VALL TREATMENTS CAN MAKE A ROOM

by Cynthia Montgomery

Plaster and paint go hand-in-hand to form a background for your family's favorite pictures and colors. If you're short on *floor* space, furnish your halls with pictures on the walls. Why not borrow these ideas?

PHOTOGRAPHY: HEDRICH-BLESSING

For more ways to dramatize your walls . . . see next page

#### DRAMATIZE YOUR WALLS continued



Use your walls for storage to gain convenience and save on floor space. The Ronald Reagans gave their youngster a built-in desk, added open shelves and cabinets (with doors of perforated hardboard). Basic scheme of blue, white can be changed by substituting another color for gay flashes of red. PHOTOGRAPHY: DOUGLAS SIMMONDS

ARCHITECT; WILLIAM R. STEPHENSON, A.I.A.



A gallery of portraits neatly mounted on a 4x8-ft. sheet of Duron Perforated Hardboard will make every visitor want to copy your idea. Cover an entire wall by nailing hardboard to furring strips. Handy Hooks to support pictures provide flexibility of arrangement — you can change them to suit your desires simply by moving the hooks. Inexpensive, too!

SETTING: SINGER PHOTOGRAPHER: MARTIN HELFER







Look of luxury distinguishes this beautiful room, but its ideas can be tailored to fit any pocketbook. Wall projecting from alcove (left) was covered in floor-to-ceiling bookshelves. Narrow end wall was converted to storage for snack bar (above) concealed behind series of folding doors. Doors were made as frames with panel insets of heavily woven fabric.

DECORATOR: LUBLINER & HIMMEL, A.I.D. EDITORIAL DATA: RUTH W. LEE



Pattern should be subdued in busy rooms, recommends interior decorator Gertrude Ruben, A.I.D. Mrs. Ruben uses walls in this room, her family's favorite, for open shelves, storage cabinets (below windows) and to keynote room's color scheme. Ask your dealer for metal strips and brackets (above) to support stock shelving.



For convenience ideas for every room in your house, see the dealer responsible for sending you the many good ideas in Business of Farming. He has numerous free Handyman Plans on room modernization, in addition to three shown at right.



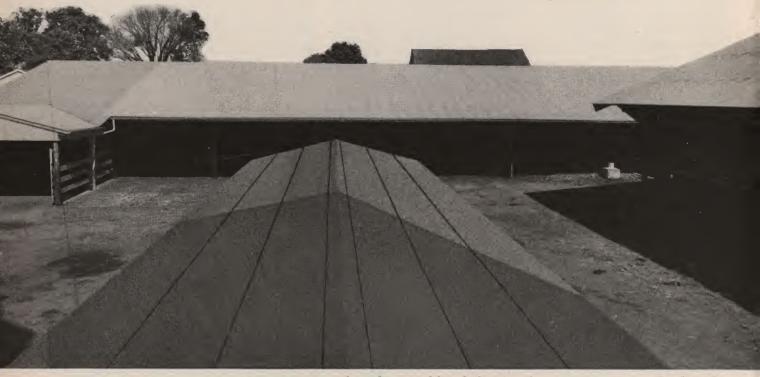
MANAGEMENT FOR FARM PROFIT

3rd IN A SERIES

#### LOOSE HOUSING:

Practical way to modernize for more income

by DOANE AGRICULTURAL SERVICE, INC.



New buildings are located on paved lot which makes cleaning easier with power loader on Wagler farm. Here silage is augured from two silos for automatic feeding of purebred Brown Swiss herd in covered feed bunk (foreground). Paved yard gives cows free access to hay shelter (right) and loafing barn, which can be divided to separate young stock from adult cows.

**Old and new buildings** are combined into Waglers' modern dairy farmstead. Big stanchion barn at left was used for Grade A production before silos and new loose-housing structures were added to modernize farmstead. Plan (right) shows farmstead layout.



New, Labor-Saving dairy buildings today provide what the Willis Waglers needed to modernize their Tazewell County, Ill., dairy farm since they bought it in 1942. Because of wartime restrictions on new building, the old barn was remodeled and used until a new loose-housing system could be completed three years ago.

Purebred Brown Swiss cows have been Wagler's interest and livelihood for as long as he can remember. Son Lester likewise had been interested in dairying since grade school, when he raised 4-H calves with the help of his father. When Lester and Bonnie recently married, they moved into an apartment in the big, comfortable Wagler farmhouse. Now, with two families to support, expansion of the dairy enterprise was essential.

#### COMPLETE FARMSTEAD PLAN

To expand their small herd, they reasoned they'd have to go to loose housing. The entire new building setup, well integrated with existing structures, was planned at once. Arranged around a paved lot were a self-feeding hay shelter, one 16-ft. silo, covered feed bunk for automatic silage feeding, a loafing barn, holding pen, milking parlor and milk room. By the end of this year, there will be 50 high-producing cows in the herd, near the limit of the carrying capacity of the 135 acres in their farm.

A big consideration in planning the buildings: they must not only be efficient but also result in an attractive farmstead to show off to best advantage the Waglers' registered Brown Swiss cows. The new system exceeds their expectations in saving labor. "If it were not for the ground-level storage, and the elevated milking parlor, Lester could not have handled the work following a silo filling accident which took one leg," said his father.

Good cows are essential to gain full benefit from a

GRANARY

MILKING PARLOR

HOLDING PAVED LOTPEN

COVERED SILAGE FEEDER

DAIRY

SHED

CSILOS-

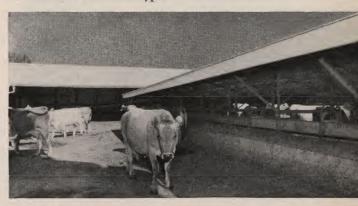
new set of buildings, such as the Waglers built. The herd averaged 429.6 lbs. of butterfat per cow over the last 15 years—more than 10,000 lbs. of 4.2 percent butterfat. Their recent experience in feeding larger amounts of silage indicate they may expect up to 2,000 lbs. more milk per cow annually as a result of drylot feeding.

A second 16-ft. silo was recently added. Twenty-seven acres of corn were put in the two silos this past year, making a total of 500 tons for the 50-cow herd plus replacement stock. The hay feeder holds about 100 tons, or two tons of hay per cow.

Says Willis Wagler, "Any cow that won't pay her way will soon get a free ride to the butcher shop." The Waglers have a record of 24 consecutive years of DHIA and 19 years of HIR records to prove they don't tolerate "freeloader" cows in the herd. They were the first in central Illinois to install new Milk-O-Meters, which weigh each cow's milk as it enters the pipeline.

An interesting sideline business has grown out of Mr. Wagler's interest in Brown Swiss. He is an order buyer for people in foreign countries wanting good American dairy cattle. This activity is an outgrowth of his many contacts as an officer of the Illinois Brown Swiss Breeders Association and other dairy industry groups.

Umbrella-type feed bunk (below) is focal point of new farmstead. Silo unloader drops silage into augur which runs full length of bunk to automatically feed entire herd. Roof keeps feed dry and provides protection for cows while eating. Ask your dealer for 1961 January-February issue of The Business of Farming, which shows how to build three types of umbrella shelters.





Holding pen (above), as seen from milking parlor door, provides easier control of cows during milking time. Regular cleaning keeps paved lot neat at all times.





Six-stall milking parlor has three milker units. This allows plenty of time to ready cows for milking and permit them to eat concentrates metered down from overhead hoppers. Weighing devices check each ¼ lb. of milk entering pipeline.

### NEED NEW DAIRY BUILDINGS?

Ask your dealer named on cover of Business of Farming for these free Farm Building Plans:

- Flexible Milking Parlor, No. 682;
- Post-Free Buildings, No. 692;
- Rigid-Frame Construction, No. 602;
- · Building with Panels, No. 696;
- 5 Low-Cost Shelters, No. 684.

Attractive dairy greets visitors to Wagler farm. Good appearance, considered essential along with good management in all farmstead planning, costs little extra. Here bulk truck picks up two-day milk production from bulk tank in milkhouse.



**Pride in farm** is evident by well-kept lawn, flower and vegetable garden, as well as all practical farm buildings.

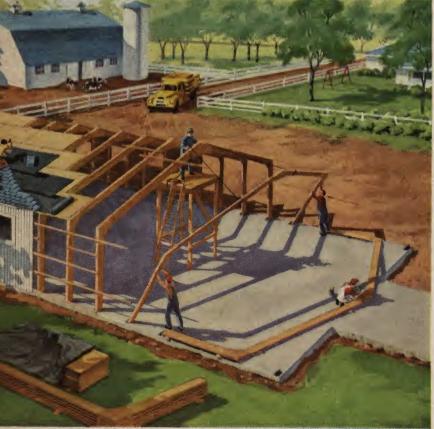


This is the view that gives Willis Wagler's Evergreen Lane Farm its name. Farm always looks neat—not just the yards and buildings, but the fields and fences as well.

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Quality Materials always give you more for your money. Lumber, siding, roofing, insulation, windows—we have building products to suit your every need. See us for expert advice, estimating, prompt service, and the latest construction methods for an efficient, money-making operation. Why not come in soon?

FARM BUILDING PLAN NO. 602

START NOW WITH OUR FREE FARM BUILDING PLANS

#### Nuzum Yards

"Over 60 Years of Service"